

## GENERAL METER NOTES

1. METER LOCATION SHALL BE APPROVED BY DENVER WATER'S CUSTOMER SERVICE FIELD SECTION. METER SETTINGS LARGER THAN ONE INCH SHALL BE APPROVED IN THE FIELD BY THE METER SHOP PRIOR TO INSTALLATION OF ANY SERVICE PIPE OR TAP. CALL 303.628.6706 TO MAKE APPOINTMENT FOR ON-SITE APPROVAL MEETING.
2. METER PITS AND CURB STOPS SHALL BE LOCATED IN GRASSY LANDSCAPED AREAS, UNLESS OTHERWISE APPROVED PRIOR TO INSTALLATION BY THE CUSTOMER SERVICE FIELD SECTION. METER PITS MAY NOT BE PLACED IN DRIVEWAYS OR SIDEWALKS.
3. ALL METER SETTINGS LARGER THAN ONE INCH MUST BE INSPECTED BY CUSTOMER SERVICE FIELD SECTION BEFORE BEING BACKFILLED. METERS WILL NOT BE SET/APPROVED UNLESS METER SETTING AND SERVICE LINE ARE IN FULL COMPLIANCE WITH THE ENGINEERING STANDARDS, STANDARD DRAWINGS, AND APPROVED PROJECT DRAWINGS AS APPLICABLE.
4. IF STREET OR GROUND IS NOT TO FINAL GRADE AT TIME OF METER INSTALLATION OR INSPECTION, OWNER MUST RAISE OR LOWER THE METER PIT/VAULT WHEN FINAL GRADE IS ESTABLISHED. METER SETTING MUST BE ADJUSTED TO STANDARDS (EIGHT INCHES BELOW TOP METER PIT RING FOR METERS ONE INCH AND SMALLER, WITH PIT LID ONE HALF INCH BELOW FINISHED GRADE) AFTER PIT/VAULT GRADE IS ADJUSTED.
5. DOMESTIC WATER SERVICES SHALL RUN AT A NINETY DEGREE ANGLE FROM WATER MAIN WITH NO BENDS, NO CHANGES IN PIPE SIZE OR PIPE MATERIAL, AND NO CONNECTIONS UNTIL FIVE FEET PAST THE METER PIT OR VAULT (FOR INDOOR METERS, UNTIL FIVE FEET PAST THE CURB STOP). NO JOINTS ARE PERMITTED WITHIN THE METER PIT OR VAULT, EXCEPT AS SHOWN ON STANDARD DRAWINGS.
6. BYPASS IS REQUIRED ON ALL METERS ONE AND ONE HALF INCH AND LARGER, EXCEPT FOR IRRIGATION SERVICES. BYPASSES ARE NOT PERMITTED ON IRRIGATION SERVICES.
7. ALL MATERIALS USED FOR SERVICE PIPES, VALVES, METER SETTINGS AND METERS SHALL CONFORM TO APPLICABLE SECTIONS OF THE ENGINEERING STANDARDS, LATEST EDITION. ALL VARIANCES AND DEVIATIONS MUST BE APPROVED BY CUSTOMER SERVICE FIELD SECTION PRIOR TO INSTALLATION.
8. METERS SHALL BE FURNISHED WITH ITRON ERTS, WHICH WILL BE INSTALLED BY DENVER WATER AT TIME OF METER INSTALLATION OR INSPECTION.
9. IF METER PIT LOCATIONS DO NOT PERMIT DRIVE-BY RADIO READING FROM A PUBLIC STREET, IT MAY BE NECESSARY TO INSTALL A REMOTE ERT, WITH SUITABLE SIGNAL CABLE ENCASED IN CONDUIT FROM THE METER TO THE ERT, OR TO INSTALL ADDITIONAL RADIO EQUIPMENT SUCH AS AN ITRON MICRO NETWORK. OWNER SHALL PROVIDE A SUITABLE LOCATION, APPROVED BY DENVER WATER CUSTOMER SERVICE FIELD SECTION, FOR MOUNTING REMOTE ERT SUCH THAT AN ADEQUATE RADIO SIGNAL IS RECEIVED TO PERMIT DRIVE-BY METER READING FROM A DEDICATED PUBLIC STREET. ALL SUCH INSTALLATIONS SHALL BE AT THE OWNER'S EXPENSE.
10. ANY METER SETTING OTHER THAN THOSE SPECIFICALLY SHOWN AND DETAILED HEREIN SHALL BE CONSIDERED NON-STANDARD AND SHALL REQUIRE PRIOR APPROVAL BY CUSTOMER SERVICE FIELD SECTION, BASED ON DRAWINGS SHOWING ENTIRE SERVICE LINE, FITTINGS, METER SETTING, LOCATION OF NEAREST PUBLIC STREET, AND STRUCTURAL DESIGN OF VAULT. METERS AND VALVES IN PAVED AREAS REQUIRE SPECIAL MATERIALS AND CONSTRUCTION METHODS. METERS AND CURB STOPS/VALVES MAY NOT BE PLACED IN AREAS WHERE VEHICLES MAY PARK OVER THEM.
11. BACKFLOW PREVENTION DEVICES MAY BE REQUIRED IN CONFORMANCE WITH SECTION 6.11.
12. A FLOOR DRAIN IS REQUIRED WITHIN TEN FEET OF THE METER FOR ALL NEW INSIDE METER SETTINGS. INSIDE SETTINGS SHALL BE INSTALLED ONLY IN BASEMENTS OR IN UTILITY ROOMS IN BUILDINGS WITHOUT BASEMENTS.
13. INSIDE METER SETTINGS ARE ONLY PERMITTED WHERE TOTAL LENGTH OF SERVICE LINE, MEASURED ALONG CENTERLINE OF PIPE, DOES NOT EXCEED SIXTY FEET FROM TAP OR TEE ON STREET MAIN TO INLET OF METER.
14. ALL REFERENCES TO ELECTRONIC DIGITAL ENCODERS OR MECHANICALLY ENCODED REGISTERS WITH ITRON ERT ARE APPLICABLE TO DENVER, TOTAL SERVICE, AND READ AND BILL DISTRICTS ONLY. THIS REQUIREMENT IS NOT APPLICABLE TO MASTER METER DISTRICTS.

### DENVER WATER

1800 West 12th Avenue • Denver, Colorado 80204  
Phone (303) 628-6000 • Telecopier No. (303) 628-6851



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Scale: <u>NONE</u>	Date: <u>AUGUST 1995</u>
Drawn: <u>C.B.B.</u>	Tr: <u>    </u> Ck: <u>    </u>
Approved: <u>[Signature]</u>	Dr. <u>127</u> No. <u>35</u>